ABSTRACT OF THE DISCLOSURE

Embodiments of the present invention are directed to a method and apparatus for safety protection control of temporary roof support. In one embodiment, a temporary roof support has a load sensing member. In another embodiment, a beam structure of temporary roof support is supported by a load sensing pin. Strain gages are installed within the pin to measure the load placed upon the pin. An unusually high load being sensed by the pin indicates that the roof has fractured and the temporary roof support is supporting loose rock. In one embodiment, when an unusually high load is measured at the pin, the temporary roof support controls at the front of the machine are disabled. A second set of remotely located temporary roof support controls remain operative. In one embodiment, the second set of controls is located at the rear of the machine.